

Figure 2

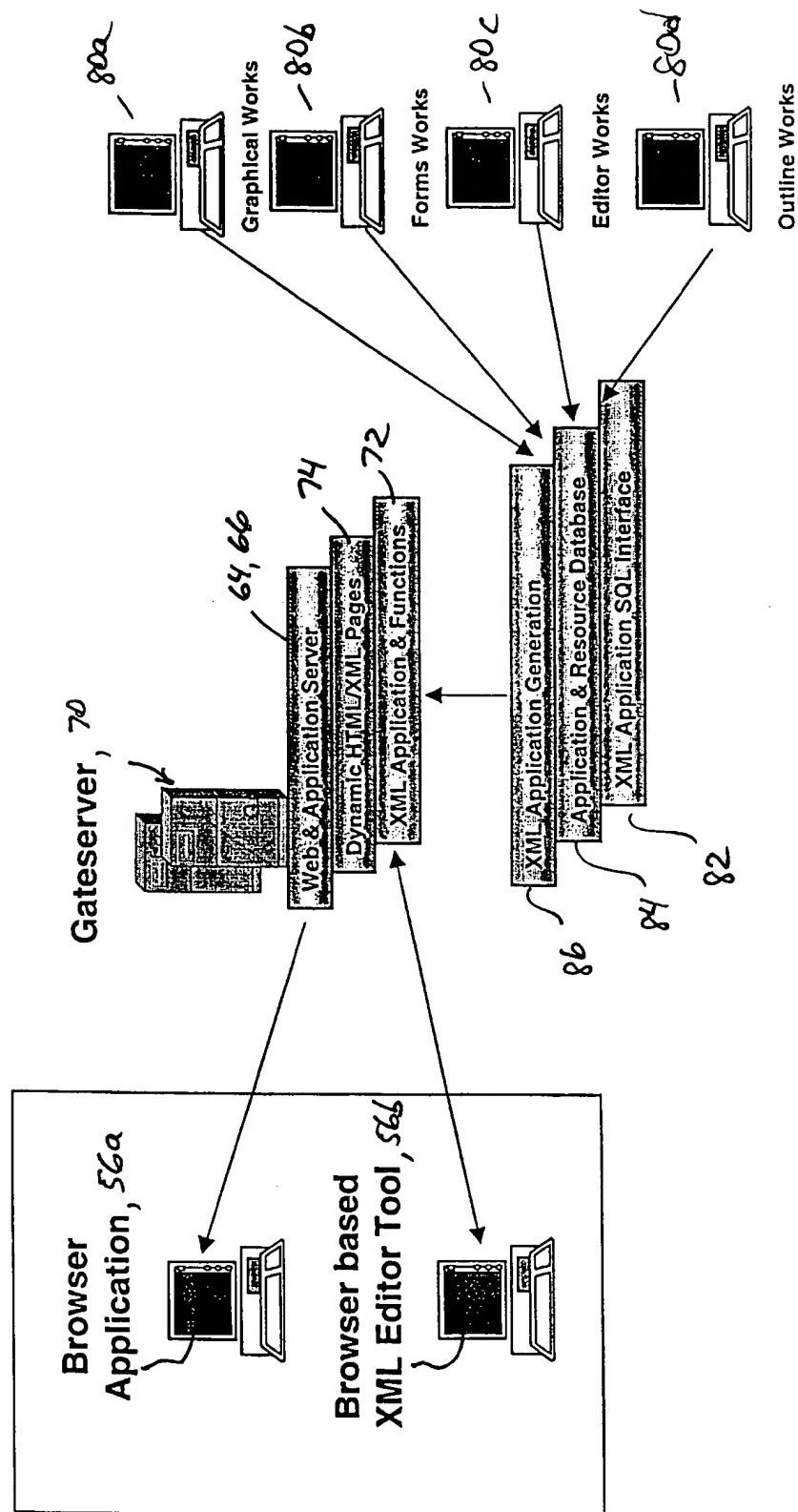


Figure 3A

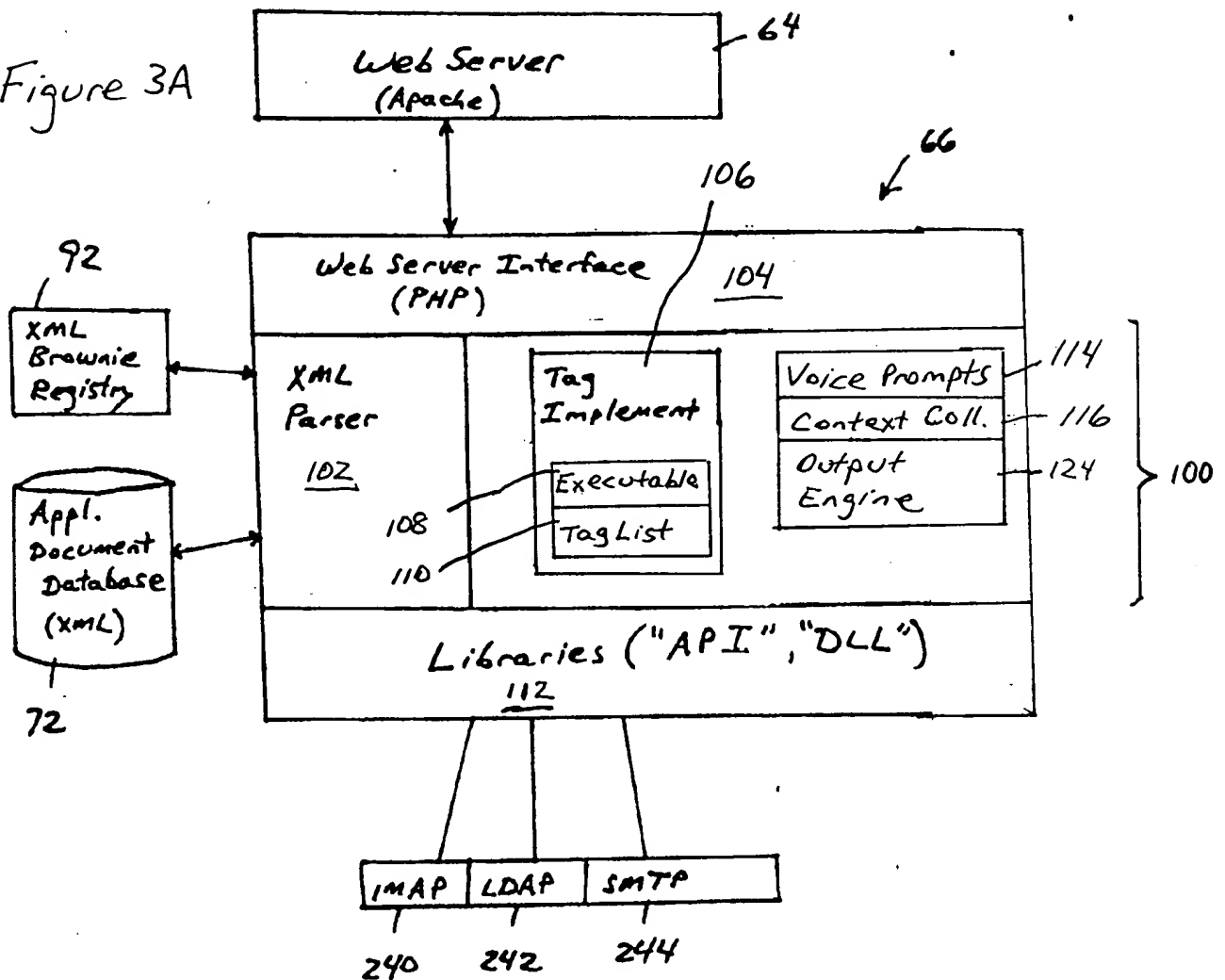
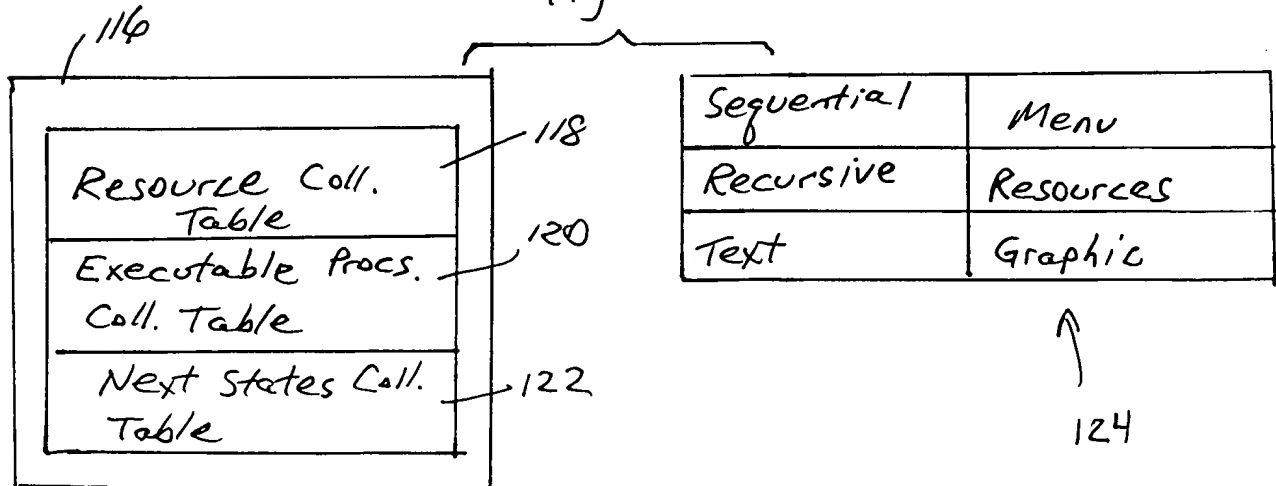


Figure 3B



```

Function MenuOne {
    SpeakPromptToUser ("To say 'Hello world!,' press one.  To say 'Goodbye world!,'
                        press zero.");
    UserInput = GetInputFromUser ("SingleDigit");
    If (UserInput == "0") {
        SpeakPromptToUser ("Goodbye World!");
        FunctionCall (MenuTwo);
    } else if (UserInput == "1") {
        SpeakPromptToUser ("Hello World!");
        FunctionCall (MenuTwo);
    } else {
        SpeakPromptToUser ("You have entered an incorrect number, press one to say
                            'Hello World!,' or press zero to say 'Goodbye World!'.");
        FunctionCall (MenuOne);
    }
}

Function MenuTwo {
    SpeakPromptToUser ("To try again, press one.  To exit the application press
                        two.");
    UserInput = GetInputFromUser ("SingleDigit");
    If (UserInput == "1") {
        FunctionCall (MenuOne);
    } else if (UserInput == "2") {
        EXIT APPLICATION!
    } else {
        SpeakPromptToUser ("You have entered an incorrect number, press one to try
                            again, or press two to exit the application");
        FunctionCall (MenuTwo);
    }
}

Function Main {
    FunctionCall (MenuOne);
}

```

400

Figure 4

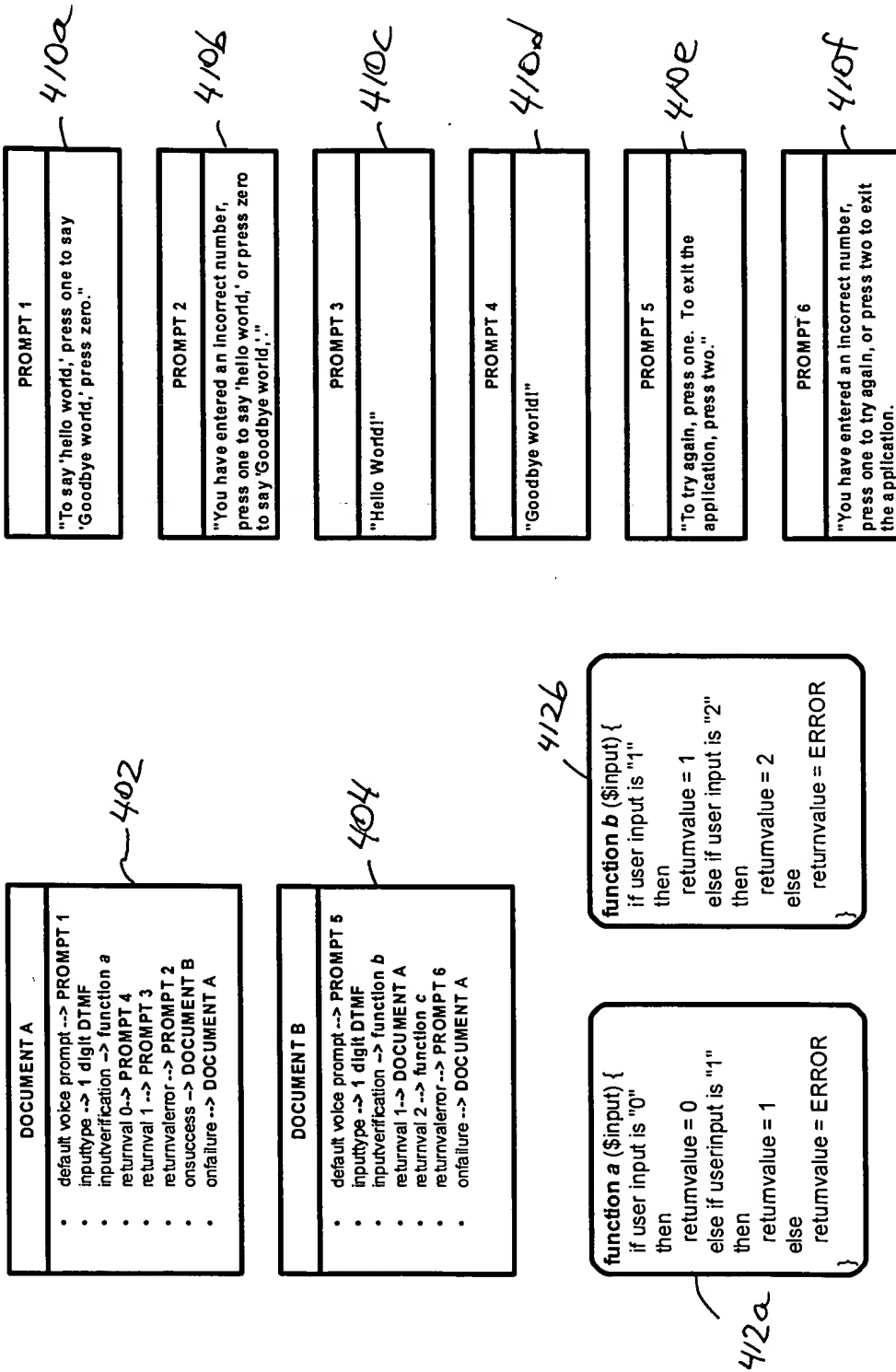


Figure 5

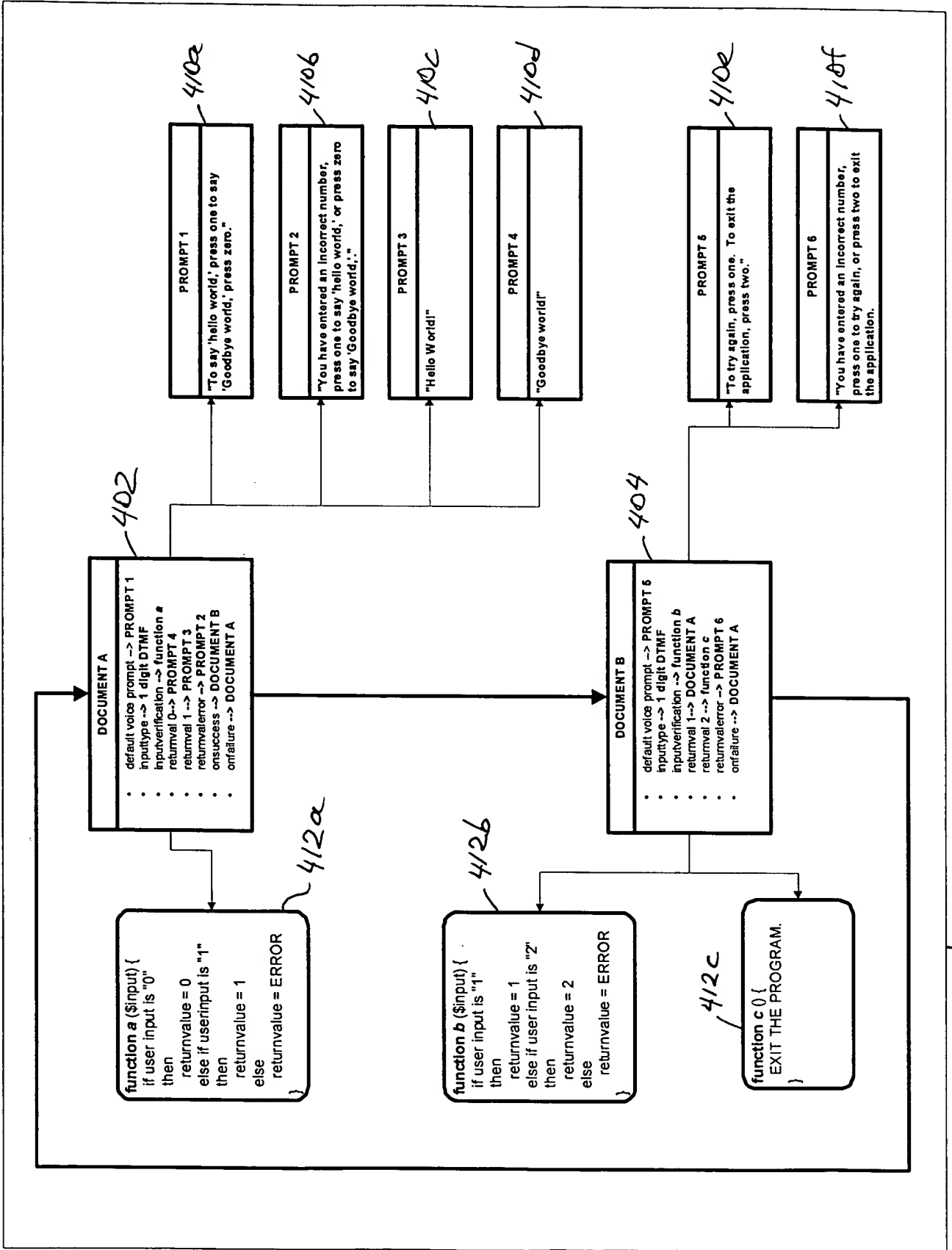


Figure 6

Initialize Application Runtime Environment, Load Runtime Variables (Resource Locators, Procedures Library Registration, XML Tag Implementation)

Receive Self-Document Request (Format Specified)

Access XML Document
(Explicit in Request or Implicit – State Dependent)

Parse and Interpret XML Tags

Identify Resources and Store in Resource Collection Table

Identify Procedure Calls and Store in Executable Procedures Collection Table

Identify XML Documents Referenced as Possible Next States, Store in Next States Collection Table

Selectively Begin Output File

Another XML Document?

Access Selected Attributes
(e.g., Resources, Procedure Calls, Poss. Next States)

Generate Output File

Figure 7